WT41N0 Series

EMC Configuration and Accessories Guide

Designed to assist customers and partners with model and configuration guidance

WT41N0 Series

- CONFIGURATIN AND ACCESSORY GUIDES are available on Insite and PartnerCentral
- Also see www.motorolasolutions.com/WT41N0 and the WT41N0 Configuration and Accessories Guide
- All WT41N0 series accessories are compatible and backward compatible including: cradles, holsters and cables.

Find Product Information in the **EMC Product Portfolio** on Insite and Partner Central

WT41N0 Series Configuration Matrix

CONFIGURATION OPTIONS:	WT41N0	OPTION	DESCRIPTION
Touch Screen	WT41N0-**T**XXXXXX	T	Touch
	WT41N0-**N**XXXXXX	N	Non-touch
	WT41N0-**V**XXXXXX	V	Voice-only/No Display
Keypad Overlay	WT41N0-X**1**XXXXX	1	3 keys; voice device
	WT41N0-X**2**XXXXX	2	Double tap
Battery	WT41N0-XX**S**XXXX	S	Standard
	WT41N0-XX**H**XXXX	H	High Capacity
OS Language & Custom	WT41N0-XXXXX**E**X	E	English
	WT41N0-XXXXX**J**X	J	Japanese

PRODUCT ID:	TOUCH SCREEN	KEYPAD OVERLAY	BATTERY
WT41N0-N2H27ER	Non-Touch	3 keys; voice device	High Capacity
WT41N0-N2S27ER	Non-Touch	3 keys; voice device	Standard
WT41N0-T2H27ER	Touch	3 keys; voice device	High Capacity
WT41N0-T2S27ER	Touch	3 keys; voice device	Standard
WT41N0-V1H27ER	Voice-only/ No Display	Double tap	High Capacity

All currently available WT41N0 configurations include the following features:

1. WAN Radio: None
2. Memory: 512MB RAM/2GB FLASH
3. OS: Windows Embedded Compact 7 (CE)
4. RoHS: RoHS Compliant

WT41N0
Main Models

WT41N0-T2S27ER
Touch wearable with standard capacity battery

WT41N0-V1H27ER
Voice only wearable

WT41N0

- **Processor:** Dual Core OMAP 4 @ 1GHz
- **Operative System:** Microsoft Windows Embedded Compact CE 7.0
- **Display:** 2.8” Color QVGA (WT41N0 only)
- **Compatible with:**
  - 1D or 2D ring scanners (including RS419 - latest 1D laser technology with adaptive scanning)
- IP54
- **Drop Spec:** 4’ drop to concrete
- **Size:** 142 x 93 x 26 mm
- **Weight:**
  - 320 g (1x battery)
  - 370 g (2x battery)

WT41N0

Data capture methods

Data capture options

RS419 1D Laser

Ring scanner with HP engine, can also be used in freezer environments:

RS419-HP2000FSR Ring scanner, to be used with the WT41N0 worn on the wrist.

RS419-HP2000FLR Ring scanner, to be used with the WT41N0 worn on the hip.

RS507 1D/2D Imager

RS507 Configurations matrix:

OPTIONS	RS507-XX20000XXXX	DESCRIPTION
Imager Focus Method	RS507-**IM**20000xxx	SR focus imager
	RS507-**DL**20000xxx	DL focus imager
Battery	RS507-xx20000**S**xxx	Standard Capacity Battery
	RS507-xx20000**E**xxx	Extended Capacity Battery
	RS507-xx20000**C**xxx	Corded Adapter to WT41N0
Trigger	RS507-xx20000x**T**xx	Manual trigger
	RS507-xx20000x**N**xx	Without manual trigger for auto-triggering

1D Laser

RS419-HP2000FSR
Ring scanner with cable to wrist

RS419-HP2000FLR
Ring scanner with cable to waist

1D/2D Imager

RS507-IM20000CTWR
Corded imager with trigger

RS507-IM20000STWR
Imager with trigger and standard capacity battery

WT41N0
Accessories Guide

Step 1:
Choose a charging method

Cradle options

Single Slot Cradle:
CRD4000-1000UR
Single slot cradle, requires power supply PWRS-14000-148R and 3 wire AC cord.

Single Slot Cradle Kits:

CRD4000-110UES (US)
Includes: Single Slot Cradle CRD4000-1000UR, USB Cable 25-68596-01R, Power Supply PWRS-14000-148R, and US AC Cord 23844-00-00R.

CRD4000-110UES (INTL)
Includes: Single Slot Cradle CRD4000-1000UR, USB Cable 25-68596-01R and Power Supply PWRS-14000-148R. Must purchase 3 wire AC Cord separately.

The single slot cradle can charge a WT41N00 and has a USB port. It allows to charge a spare standard or extended battery.

Additional accessories for single slot cradle

25-68596-01R
USB Cable for the single slot cradle

PWRS-14000-148R
Power supply for single slot cradle: 100-240 VAC, 12VDC, 4.16A

23844-00-00R
US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

25-85992-01R
4-way DC cable to connect four 4-single slot cradles to power supply PWRS-14000-241R

RDUYS08220007
Adapter to connect USB hub, keyboard, or mouse to the single-slot cradle.

Step 1:
Choose a charging method

Cradle options

4 Slot Cradle:

CRD4001-4000ER

4 Slot Ethernet cradle. Requires power supply PWRS-14000-241R, DC line cord 50-16002-029R and 3 wire AC cord.

4 Slot Cradle Kit:

CRD4001-411EES (INTL)

Includes: 4 Slot Cradle CRD4001-4000ER, power supply PWRS-14000-241R and DC line cord 50-16002-029R. Must purchase 3 wire AC Cord separately.

Additional accessories for 4-slot cradles

PWRS-14000-241R

Power supply for 4 slot cradles:90-264 VAC, 12VDC, 9A

50-16002-029R

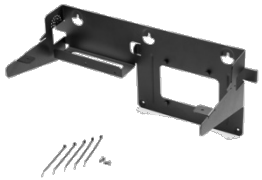
DC cable provides power from the power supply to 4 slot cradles.

23844-00-00R

US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

25-85991-01R

“Y” Power cable, used to connect the 4 Slot cradle and a for slot battery charger SAC4000-4000CR to a single power supply PWRS-14000-241R.



21-86630-01R

Wall Mounting Bracket, used for mounting the 4 slot cradle on a wall.

Step 2:
Choose battery / battery charging accessories

Spare Battery options

Spare Batteries

BTRY-WT40IAB0E
Standard Lithium Ion battery, 2330 mAh

BTRY-WT40IAB0H
Extended Lithium Ion battery, 4600 mAh

Spare Battery Chargers

SAC4000-4000CR
4-slot battery charger. Uses power supply PWRS-14000-148R and 3 wire AC cord.

SAC4000-410CES (US)
Includes: Battery charger SAC4000-4000CR, power supply PWRS-14000-148R and AC line cord 23844-00-00R.

SAC4000-411CES (INTL)
Includes: Battery charger SAC4000-4000CR and power supply PWRS-14000-148R. Must purchase 3 wire AC Cord separately.

Accessories for battery chargers:

PWRS-14000-148R
Power supply for single and 4-slot battery chargers.

23844-00-00R
US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

25-85992-01R
4-way DC cable to connect four 4-slot battery chargers to power supply PWRS-14000-241R

25-85991-01R
“Y” Power cable, used to connect the 4 Slot cradle and a for slot battery charger to a single power supply PWRS-14000-241R.

21-86630-01R
Wall Mounting Bracket, used for mounting the 4 slot battery charger on a wall.

Step 3:
Choose carrying accessories

Carrying options

Wrist Mounting Accessories

SG-WT4023020-05R
Wrist mount with regular length arm straps.

SG-WT4023020-06R
Wrist mount with long length arm straps.

SG-WT4023221-03R
Regular arm straps, includes 8” and 11” straps

SG-WT4023221-04R
Long arm straps, includes 13” and 16” straps

SG-WT4027050-01R
Arm sleeves (pack of 5)

SG-WT4023021-02R
Replacement pad

Hip Mounting Accessories

SG-WT4021010-01R
Hip mount, to be used with the standard capacity battery.

SG-WT4026000-01R
Freezer pouch, for standard capacity battery, can be used wrist or hip mounted.

SG-WT4026000-20R
Freezer pouch, for extended capacity battery, can be used wrist or hip mounted.

11-08062-02R
Belt for hip mount or freezer pouch.

Step 4:
Choose audio accessories

RCH51

Rugged cabled headset

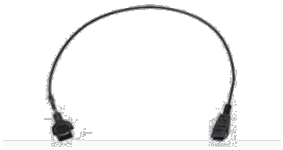
Headset Adapter Cables

25-114186-03R

Adapter cable with a coiled section fro WT41N0

25-129940-02R

Short adapter cable (4”) for WT41N0 (wrist mounted)



25-124412-02R

Long adapter cable (19”) for WT41N0 (hip mounted)

25-129938-02R

Training “Y” cable to connect two headsets to one WT41N0

Consumables

KT-126574-01R
Replacement ear pads foam, (5 pk)

KT-126579-01R
Replacement windsocks (5 pk)

KT-126580-01R
Replacement earpads leatherette (5 pk)

KT-126581-01R
Replacement headbands (5 pk)

KT-126582-01R
Replacement temple pads (5 pk)

Step 4:
Choose audio accessories

3rd Party Accessories

B250-XT+
Bluetooth Headset
for WT41N0

Expressway II
Bluetooth Headset
for WT41N0

IHV Bluetooth Headsets

B250XT+	VXi Corp Bluetooth Wireless Headset
Expressway II	VXi Corp Bluetooth Wireless Headset

IHV certified compatible for voice directed picking (VDP) use case only

Step 5:

Choose a accessories for RS419 ring scanner

RS419-HP2000FLR
Ring scanner for
WT41 hip mounted.

RS419-HP2000FSR
Ring scanner for
WT41 wrist mounted.

RS419 Ring Scanner:

RS419-HP2000FLR

Ring scanner to cable to waist-worn WT4X90 and WT41N0, with HP engine and freezer rating.

RS419-HP2000FSR

Ring scanner to cable to arm-worn WT4X90 and WT41N0, with HP engine and freezer rating.

Accessories for RS419 Ring Scanner

SG-RS419-TRGAS-01R

Replacement trigger assembly for ring scanner.

21-93022-02R

Short replacement finger strap for ring scanner (6”)

SG-RS419-FGSTP-01R

Long replacement finger strap for ring scanner (7.8”)

Step 6:

Choose accessories for RS507 ring scanner

RS507-IM20000ENWR
Imager without trigger and extended battery

RS507-IM20000STWR
Imager with trigger and standard battery

RS507 with manual trigger:

RS507-IM20000STWR	Imager with SR focus, manual trigger and standard capacity battery.
RS507-IM20000CTWR	Imager with SR focus, manual trigger and corded adapter to the WT4X terminal.
RS507-IM200000TWR	Imager with SR focus and manual trigger. Requires battery (not included)
RS507-DL20000STWR	Imager with DL focus, manual trigger and standard capacity battery.
RS507-DL200000TWR	Imager with DL focus and manual trigger . Requires battery (not included).

RS507 without manual trigger:

RS507-IM20000SNWR	Imager with SR focus and standard capacity battery. Without trigger for auto-triggering.
RS507-IM20000ENWR	Imager with SR focus and extended capacity battery. Without trigger for auto-triggering.

Spare batteries

KTBTRYRS50EAB00-01
Standard Lithium Ion battery, 970 mAh

KTBTRYRS50EAB02-01
Extended Lithium Ion battery, 1940 mAh

Charger solutions

SAC5070-800CR
8 Slot battery charger for standard and extended batteries.
Includes: power supply and US AC Line Cord 50-16000-182R.

SAC5070-801CR
8 Slot battery charger for standard and extended batteries.
Requires power supply PWRS-0102246H54R and 2 wire line cord.

Step 6:
Choose accessories for RS507 ring scanner

Replacement straps and buckles:

KT-STRPT-RS507-10R
Velcro straps, for manual trigger configurations (10 pk)

KT-STRPN-RS507-10R
Velcro straps, for trigger-less configurations (10 pk)

KT-STRP2-RS507-10R
Elastic straps for trigger or trigger-less configurations (10 pk)

KT-BKL-RS507-10R
Buckles for velcro straps, use two for trigger-less configurations (10 pk)

KT-BKLT-RS507-10R
Buckles for elastic straps, used with trigger configurations only. (10 pk)

KT-BKLN-RS507-10R
Buckles for elastic straps, use two for trigger-less configurations. (10 pk)

Replacement triggers:

KT-CLMPT-RS507-01R
Replacement trigger swivel assembly.

KT-CLMPN-RS507-01R
Replacement strap holder, for trigger-less configurations.

KT-PAD-RS507-10R
Replacement comfort pads, to be used with manual trigger and trigger-less configurations (10 pk)

Corded adapter:

ADPTRWT-RS507-03R
Corded Adapter for the RS507. It uses instead of the battery for serial interface to the WT41N0.